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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

IN RE APPLICATION OF: : ROBINSON, A. et al.  
SERIAL NO: : 09/739,529  
FILED: : December 15, 2000  
FOR: : OPTICAL FIBER AMPLIFIER  
EXAMINER: : WANG, G.  
GROUP ART UNIT: : 2882

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I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to "Director of Patents and Trademarks, Washington, D.C.  
.20231," on July 9, 2002.  
Name of person signing Jennifer J. Ramirez  
Signature [Signature]

**RESPONSE & AMENDMENT**

Honorable Director of  
Patents and Trademarks  
Washington, DC 20231

In response to the Office Action mailed April 10 2002 with reference to the  
above identified application, please amend the application as set out below:

**In the Claims:**

Please amend claims 7 and 9 as below:

SUB  
B37  
OK  
CONF

7. (once amended) An optical transmission system comprising a  
transmitting node, a receiving node and an optical fiber link between the  
nodes, wherein the link includes one or more amplifying repeaters, each  
comprising an amplifier having a doped fiber core and a cladding layer